

T-24-1 – “Herpetofaunal Inventory of Three Wildlife Management Areas in Northwestern Louisiana”

Abstract: Dr. Hardy assumed this project midway through the grant period due to a change in principle investigators. Data were collected on Bayou Pierre, Loggy Bayou, and Jackson-Bienville Wildlife Management Areas (WMAs). Cover board transects were established, data from visual surveys were recorded, and geospatial data were collected with global positioning system units. At both Bayou Pierre and Loggy Bayou WMAs, researchers recorded 70 species of reptiles and amphibians. At Jackson-Bienville WMA, 63 total species were recorded. No exotic species were observed at any of the WMAs studied. Several species were not detected but were expected to have been found based on habitat types present or by current understanding of statewide or regional species distributions. Dr. Hardy believed that the cover boards used were too small and that transect placement may have been problematic. Also, Dr. Hardy believed that too few samples were collected and that the sampling regime was not representative of all habitats, seasons, and climatic conditions. Dr. Hardy provided several recommendations for ways to improve data collection and provided suggestions for future study topics.

(Abstracted by A. Ardoin {2007} from: “*Herpetofaunal Inventory of Three Wildlife Management Areas in Northwestern Louisiana*”; Final Report (November 2006); Hardy, L.M; Louisiana State University – Shreveport; Shreveport, LA; 30 pp.)

This grant was closed 30 September 2006. **For more information** about State Wildlife Grant T-24, or to obtain copies of interim or final reports, please contact the State Wildlife Grant Coordinator, LDWF Fur & Refuge Division.